

**Abstract****METHOD AND APPARATUS FOR RECEIVING GPS/GLONASS SIGNALS**

- 5 An electronic system for receiving spread spectrum signals, in particular GPS and/or GLONASS signals is described. In particular, the functional specification for the design of an advanced GPS and/or GLONASS receiver (AGGR) is disclosed. The AGGR is preferably fabricated including at least one sub-system implemented as an application specific integrated circuit (ASIC). The present disclosure describes the AGGR functionality
- 10 and its modes of operation to a detail allowing a future user of the device to understand its features and limitations and to assess its suitability for an envisaged application. A method and an apparatus are described for processing received spread spectrum signals modulated with a unique pseudo-random code including a capability of hierarchically chaining a plurality of channel modules in series, specific forms of delay line units and correlator units
- 15 which can process CA-code, P-code and Y-code signals.

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Fig. 2